

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/865,553

DATE: 10/11/2001  
TIME: 13:28:01

Input Set : A:\032751-050.ST25.txt  
Output Set: N:\CRF3\10112001\I865553.raw

4 <110> APPLICANT: Rittner, Karola  
 5 Jacobs, Eric  
 7 <120> TITLE OF INVENTION: Complex for Transferring an Anionic Substance of Interest  
 8 Into a Cell  
 10 <130> FILE REFERENCE: 032751-050  
 12 <140> CURRENT APPLICATION NUMBER: US 09/865,553  
 13 <141> CURRENT FILING DATE: 2001-05-29  
 15 <150> PRIOR APPLICATION NUMBER: US 60/246,083  
 16 <151> PRIOR FILING DATE: 2000-11-07  
 18 <150> PRIOR APPLICATION NUMBER: US 60/277,982  
 19 <151> PRIOR FILING DATE: 2001-03-23  
 21 <150> PRIOR APPLICATION NUMBER: EP 00440162.6  
 22 <151> PRIOR FILING DATE: 2000-05-26  
 24 <150> PRIOR APPLICATION NUMBER: EP 01440049.3  
 25 <151> PRIOR FILING DATE: 2001-02-27  
 27 <160> NUMBER OF SEQ ID NOS: 7  
 29 <170> SOFTWARE: PatentIn version 3.1  
 31 <210> SEQ ID NO: 1  
 32 <211> LENGTH: 20  
 33 <212> TYPE: PRT  
 35 <213> ORGANISM: Artificial Sequence  
 W--> 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: mutPep  
 W--> 40 <220> FEATURE:  
 41 <221> NAME/KEY: MISC\_FEATURE  
 42 <222> LOCATION: (4)..(19)  
 43 <223> OTHER INFORMATION: Amino acids 4, 8, 11, 15 and 19 are Xaa wherein Xaa = any  
 amino a  
 44 cid.  
 47 <400> SEQUENCE: 1  
 W--> 49 Gly Leu Phe Xaa Ala Leu Leu Xaa Leu Leu Xaa Ser Leu Trp Xaa Leu  
 50 1 5 10 15  
 W--> 53 Leu Leu Xaa Ala  
 54 20 *Edit to left align 10.4t*  
 58 <210> SEQ ID NO: 2  
 59 <211> LENGTH: 20 <212> PRT  
 61 <213> ORGANISM: Artificial Sequence  
 W--> 62 <220> FEATURE:  
 63 <223> OTHER INFORMATION: PPTG1  
 W--> 66 <212> TYPE: *Moved PRT into appropriate field*  
 66 <400> SEQUENCE: 2  
 68 Gly Leu Phe Lys Ala Leu Leu Lys Leu Leu Lys Ser Leu Trp Lys Leu  
 69 1 5 10 15  
 72 Leu Leu Lys Ala  
 73 20  
 77 <210> SEQ ID NO: 3  
 78 <211> LENGTH: 20  
 79 <212> TYPE: PRT

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81 <213> ORGANISM: Artificial Sequence  
W--> 82 <220> FEATURE:  
83 <223> OTHER INFORMATION: JTS-1  
86 <400> SEQUENCE: 3  
88 Gly Leu Phe Glu Ala Leu Leu Glu Leu Leu Glu Ser Leu Trp Glu Leu  
89 1 . 5 10 15  
92 Leu Leu Glu Ala  
93 . 20  
97 <210> SEQ ID NO: 4  
98 <211> LENGTH: 40  
99 <212> TYPE: PRT  
101 <213> ORGANISM: Artificial Sequence  
W--> 102 <220> FEATURE:  
103 <223> OTHER INFORMATION: JTS-1-K13  
106 <400> SEQUENCE: 4  
108 Gly Leu Phe Glu Ala Leu Leu Glu Leu Leu Glu Ser Leu Trp Glu Leu  
109 1 . 5 10 15  
112 Leu Leu Glu Ala Cys Cys Tyr Lys Ala Lys Lys Lys Lys Lys Lys  
113 . 20 25 30  
116 Lys Trp Lys Lys Lys Gln Ser  
117 . 35 40  
121 <210> SEQ ID NO: 5  
122 <211> LENGTH: 30<212> PRT  
124 <213> ORGANISM: Artificial Sequence  
W--> 125 <220> FEATURE:  
126 <223> OTHER INFORMATION: KALA  
W--> 129 <212> TYPE: PRT  
129 <400> SEQUENCE: 5  
131 Trp Glu Ala Lys Leu Ala Lys Ala Leu Ala Lys Ala Leu Ala Lys His  
132 1 . 5 10 15  
135 Leu Ala Lys Ala Leu Ala Lys Ala Leu Lys Ala Cys Glu Ala  
136 . 20 25 30  
140 <210> SEQ ID NO: 6  
141 <211> LENGTH: 20  
142 <212> TYPE: PRT  
144 <213> ORGANISM: Artificial Sequence  
W--> 145 <220> FEATURE:  
146 <223> OTHER INFORMATION: ppTG20  
149 <400> SEQUENCE: 6  
151 Gly Leu Phe Arg Ala Leu Leu Arg Leu Leu Arg Ser Leu Trp Arg Leu  
152 1 . 5 10 15  
155 Leu Leu Arg Ala  
156 . 20  
160 <210> SEQ ID NO: 7  
161 <211> LENGTH: 20  
162 <212> TYPE: PRT  
164 <213> ORGANISM: Artificial Sequence  
W--> 165 <220> FEATURE:  
166 <223> OTHER INFORMATION: ppTG21

## RAW SEQUENCE LISTING

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Input Set : A:\032751-050.ST25.txt

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169 &lt;400&gt; SEQUENCE: 7

171 Gly Leu Phe His Ala Leu Leu His Leu Leu His Ser Leu Trp His Leu  
172 1 5 10 15

175 Leu Leu His Ala

176 20

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/865,553

DATE: 10/11/2001

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Input Set : A:\032751-050.ST25.txt

Output Set: N:\CRF3\10112001\I865553.raw

L:36 M:283 W: Missing Blank Line separator, <220> field identifier  
L:49 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:62 M:283 W: Missing Blank Line separator, <220> field identifier  
L:66 M:282 W: Numeric Field Identifier Missing, <212> is required.  
L:82 M:283 W: Missing Blank Line separator, <220> field identifier  
L:102 M:283 W: Missing Blank Line separator, <220> field identifier  
L:125 M:283 W: Missing Blank Line separator, <220> field identifier  
L:129 M:282 W: Numeric Field Identifier Missing, <212> is required.  
L:145 M:283 W: Missing Blank Line separator, <220> field identifier  
L:165 M:283 W: Missing Blank Line separator, <220> field identifier

**STATISTICS SUMMARY**

PATENT APPLICATION: US/09/865,553

DATE: 10/11/2001

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Input Set : A:\032751-050.ST25.txt

Output Set: N:\CRF3\10112001\I865553.raw

Application Serial Number: US/09/865,553

Alpha or Numeric: Numeric

Application Class:

Application File Date: 05-29-2001

Art Unit: OIPE

Software Application: PatentIn

Total Number of Sequences: 7

Total Nucleotides: 0

Total Amino Acids: 120

Number of Errors: 0

Number of Warnings: 11

Number of Corrections: 0

**MESSAGE SUMMARY**

282 W: 2 (Numeric Field Identifier Missing)

283 W: 7 (Missing Blank Line separator)

341 W: 2 ((46) "n" or "Xaa" used)